

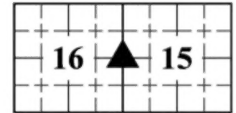
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: Center_L13

Quarter Corner

Sections 15 & 16- T07N-R03W, 2nd P.M.

Center Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

1-1/4" i.d. galvanized iron pipe with plastic Dorman plug (inscription on the plug is no longer legible) found 10" above grade next to a t-post 0.7 feet east with a Greene County Survey Marker sign attached 4.5 feet above grade and facing the pipe.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the home at 11103 McCullough Lane, walk westerly through the woods for approximately 265 feet. The pipe is 16 feet east side of a wire fence that meanders vaguely north/south.

GEODETIC COORDINATES: (OSM #10212)

Northing: 334508.99, Easting: 890373.14

Datum: InGCS Greene Zone, US Survey Feet

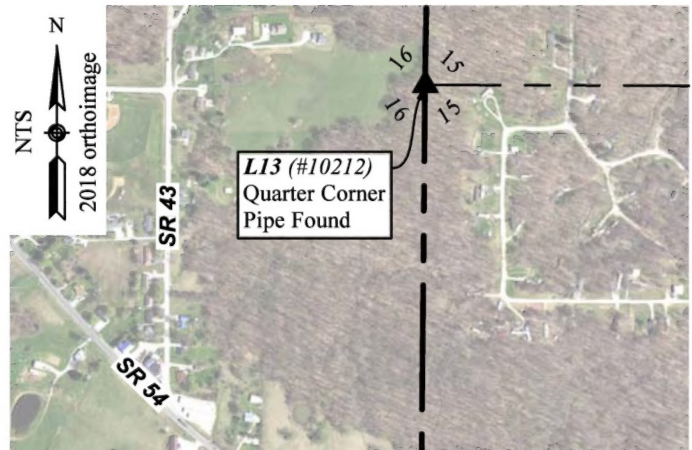
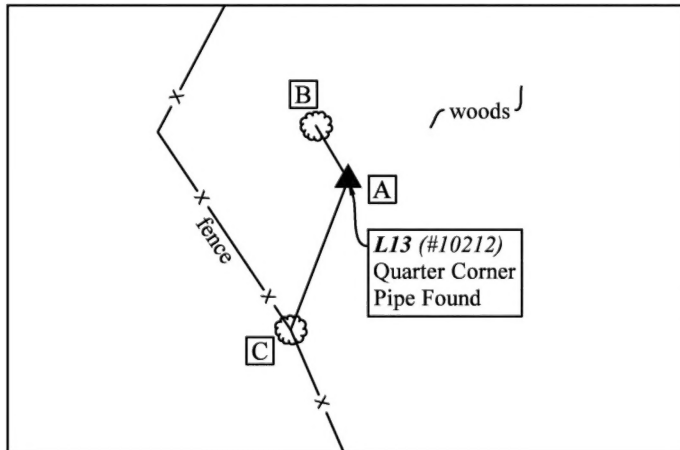
Northing: 1382517.69, Easting: 3050984.12

Datum: NAD83(2011) IN West Zone, US Survey Feet

WITNESS MONUMENT TIES: Describe at least three witness objects.

ID	Bearing	Distance	Description
A	East	0.7'	Greene County Survey Marker sign on t-post
B	N 31° W	6.3'	2" mag nail and 1-1/4" fender washer set in hack 6" above grade on the west side of a 3" hackberry
C	S 21° W	16.2'	2" mag nail and 1-1/4" fender washer set in hack 7" above grade on the northwest side of a 6" elm with north/south wire fence

MONUMENT LOCATION SKETCH: Attach a sketch or aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

We found no trace of the stone set at this corner in 1853 by Greene County Surveyor P.Burr.

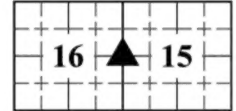
In 1970, Henry Dorman set the iron pipe at this corner based on equal proportionate measurements between a marked stone found at the South 1/16 corner common to Sections 9 and 10 (H13) and the 1/4 corner common to Sections 21 and 22 (P13). Lee Utt did not depict a monument at this corner on his extensive 1982 survey of Lawrence Hollow, but he did set other monuments along the east/west quarter line through Section 15, and it appears that his calculated location for this corner was N 36°30'17" E 19.96 feet from the Dorman pipe. In 2003, Stephen Ramsey surveyed the property surrounding this corner. His survey does not depict a monument or provide any dimensions to this corner.

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However, it is clear that he based his calculations on Utt's location.

In 1993, Philip Tapp used the Dorman pipe in his double-proportion calculations to establish the Section corner common to Sections 15, 16, 21 and 22. Both James and Porter have held the Dorman pipe on surveys in the area, but none of the recorded surveys appear to be directly adjacent to the section or quarter section lines that connect to this corner.

We accepted the Dorman pipe as the corner by common report because of its acceptance by other surveyors, because Utt's location was never monumented, and because we did not feel that the evidence in favor of Utt's location was strong enough to justify setting a new monument.

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1812 By: Arthur Henrie

Where filed or recorded: F_EV03P373

Original monument: Wood post

Bearing Trees or Witness Ties:	Bearing	Distance
15" white oak	S62°W	8.6'
8" gum	S81°W	25.7'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 12/11/1853 By: P.Burr, GCS

Where filed or recorded: Legal Survey Book 3, page 9

Monument: stone

Bearing Trees or Witness Ties:	Bearing	Distance
No bearing trees near		

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 09/24/1970 By: Henry Dorman Where filed or recorded: MI039-489 Monument: Set iron pipe

Bearing Trees or Witness Ties:	Bearing	Distance
12" poplar (<i>found 2021</i>)	Westerly	19.6'
15" twin poplar (<i>found 2021</i>)	NW	26.0'
12" cedar (<i>found stump 2021</i>)	Northerly	10.4'

Bearing Trees or Witness Ties:	Bearing	Distance
12" ash (<i>found dead 2021</i>)	NE	48.1'
8" sassafras (<i>not found 2021</i>)	NE	7.8'

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
12/11/1853	Burr, P	Legal Survey in Section 16 (<i>Set stone</i>)	LSB 3, pg 9
10/25/1854	Burr, P	Legal Survey in Section 15 for Birch	LSB 3, pg 21
9/24/1970	Dorman, Henry J.	Survey of W. Line Sections 10, 15, 22 (<i>Origin of iron pipe</i>)	MI039-489
12/21/1982	Utt, Lee	Plat for Bales-Rhoades in Section 15 (<i>No monument</i>)	PL2-099
5/7/1993	Tapp, Philip O.	Survey in Section 22 for McNeal (<i>Accepted pipe</i>)	2004-1895
8/9/2001	James, Marty J.	Survey in Section 21 of Carmichael property for Todd Corn	2001-6137
12/19/2001	James, Marty J.	Survey in Section 21 for Cox (<i>Accepted pipe</i>)	2002-0715
7/5/2003	Ramsey, Stephen E.	Survey of 23.73 acres in Sections 15 & 16 (<i>No monument</i>)	2003-5226
9/15/2016	Porter, Christopher	Survey in Section 16 for Inman (<i>Accepted pipe</i>)	2016-3827

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 20 feet
- Discrepancies in the Documents: Without a chain of records to prove the perpetuation of the stone set in 1854, it is impossible to know if the monument found at this corner is in the original location. Therefore, the uncertainty cannot be determined.
- Inconsistencies in the lines of Occupation: 15 feet north/south due to monuments and an east/west fence line approximately 175 feet east
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

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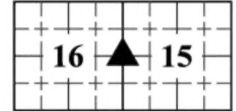


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument.

Photo Date: 12/30/2021



Photo Orientation & Description: Pipe at L13



Photo Orientation & Description: Looking east at L13

FIELD PERSONNEL:

Field Date: 12/30/2021 By: Rachel Oser and Phillip Oser Project : Oser Surveying & Mapping LLC Job# 10226A Corner Perpetuation Survey for Center Township Sections 14, 15, 22 & 23, Township 7 North, Range 3 West

Notes: This document is not complete without the associated plat and report of survey dated January 25, 2022.

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using a Javad GNSS System (Triumph LS rover and Triumph 3 base) and the InCORS Real-Time Network. Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to InGCS Greene Zone Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com

Date: 1/25/2022

